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support of what is here advanced, which the limits of this paper oblige me at present to supersede. I shall therefore only beg leave to assure you that I am, with all due sentiments of respect and esteem,

Sir,

Christ-Church, Oxon.
Novr. 27th, 1755.

Your most obliged,
and most obedient,

humble Servant,

John Swinton.

XG. *A Catalogue of the Fifty Plants from Chelsea Garden, presented to the Royal Society, by the worshipful Company of Apothecaries, for the Year 1755, pursuant to the Direction of Sir Hans Sloane, Baronet, Med. Reg. & Soc. Reg. nuper Præses, by John Wilmer, M. D. clariss. Societatis, Pharmaceut. Lond. Socius, Hort. Chelf. Præfectus & Prælector Botan.*

Read April 29, 1651
1756.

A Bsinthium maritimum Lavendulæ foliis. C. B. P.
139.

1652 Achillea foliis pinnatis, planis, inciso-ferratis, extimis majoribus. Linn. Sp. Plant. 898.

4 H 2

Parmica

Ptarmica Alpina matricariæ folio Triumph.
83.

1653 *Amethyſtea*. Hort. Upſal. 9. *Amethyſtina*
montana erecta foliis exiguis digitatis trifidis
ferratis ſoſculis cum coma e cœruleo ian-
thinis. Amman. Ruth. 54.

1654 *Anonis purpurea verna ſeu præcox, perennis,*
fruteſcens, flore rubro amplo. Mor. Hiſt.
2. 170.

Cicer arboreum Indicum perenne. Zanon. 66.

1655 *Apocynum Americanum ſcandens, Vincæ*
pervincæ foliis ſubincanum. Par. Bat.

1656 *Aquilegia pumila præcox Canadenſis Cornuti.*

1657 *Atropa foliis ſinuato-angulatis calycibus clauſis*
acutangulis. Linn. Sp. Plant. 181.

Alkekengi amplo flore violaceo. Feuillei per
724. T. 16.

1658 *Bugloſſum Luſitanicum Echii folio undulato.*
Tourn. Inſt. R. H. 134.

1659 *Bugloſſum Luſitanicum foliis aſperis oblongis,*
angultioribus et criſpis. Inſt. R. H.

1660 *Cannacorus flore coccineo ſplendente.* Tourn.
Canna Americana flore fulgenti coccineo ſplen-
dente. Hort. Lugd. Bat.

1661 *Ceanothus foliis trinervis.* Lin. Sp. Plant. 195.
Celaſtrus inermis foliis ovatis, ferratis, race-
mis ex ſummis alis longiſſimis. Linn. Hort.
Cliff.

1662 *Centaurea calycibus ciliatis ſpinofiſ foliis bi-*
pinnatifidiſ. Linn. Sp. Plant. 918.

Jacea lutea ſexta. Tabernamontan. Hiſt. 436.

1663 *Chelidonium majus, foliis et flore minutiffime*
laciniatiſ. H. R. Par. 49.

- 1664 *Cirfium Acanthoides montanum flore flavesc-*
cente. Tourn.
- 1665 *Clematis cœrulea vel purpurea repens.* C. B.
P. 300.
- 1666 *Cliffortia foliis dentatis mas.* Hort. Cliff. 463.
Camphorata Capensis, Eryngii minoris folio.
Petiver Hort. 243.
- 1667 *Cnicus foliis cordatis, petiolis crispis, spinosis,*
amplexicaulibus, floribus cernuis. Hort. Up-
sal. 251.
Carduus foliis ex cordato-lanceolatis, margine
ferratis, et spinosis, squamis calycum mem-
branaceis laceris spinosis, capitulis nutan-
tibus. Flor. Sibiric. 2. p. 47. Tab. 19.
- 1668 *Convulvulus foliis sagittatis postice truncatis*
pedunculis bifloris. Flor. Leyd. Prod. 427.
Convulvulus Syriacus seu Scammoniaca Syri-
aca. Mor. Hist. p. 2. 12.
- 1669 *Corona Solis foliis asperis tribus vel quaternis*
ad genicula fitis. Hist. Ox. 3. 24.
- 1670 *Crocus Alpinus autumnalis.* C. B. P. 65.
Crocus montanus autumnalis. J. B.
- 1671 *Cytiso-genista Lusitanica, magno flore.* Tourn.
- 1672 *Cytifus floribus capitatis, ramis decumbentibus.*
Fl. Leyd. prod. 376.
Cytifus supinus foliis infra et filiquis molli la-
nugine pubescentibus. C. B. P. 390.
- 1673 *Cytifus glaber nigricans.* C. B. P. 390.
Cytifus Gesneri, cui flores fere spicati. J. B
1. 370.
- 1674 *Digitalis angustifolia flore ferrugineo.* C. B. P.
244.

- 1675 *Doria quæ Jacobæa Africana*, *hederæ terrestris*
folio repens. Hort. Amst. 2. 145.
- 1676 *Ferrum equinum* filiqua multiplici. C. B. P.
349.
- 1677 *Helxine* foliis lanceolatis, caule diffuso. H.
Upsal. 96.
Fagopyrum Orientale ramosum et multiflorum,
persicariæ folio. Tourn. Cor.
- 1678 *Hieracium* caule ramoso, foliis firmis, infimis
petiolatis, reliquis ex ovato-lanceolatis semi-
amplexicaulibus, omnibus sinuosis, petio-
lorum instar dentatis. Fl. Siberic. 2. 26.
Tab. 10.
- 1679 *Horminum Verbenæ* laciniis angustifolium.
Triumfett.
- 1680 *Limonium peregrinum* foliis Asplenii. C. B. P.
192.
Statice foliis caulinis decurrentibus. Hort.
Cliff. 116.
- 1681 *Lupinus* floribus cœruleis inodoris, in spicas
longas digestis, radice reptatrice. Gronov.
Flor. Virginic.
- 1682 *Milium Arundinaceum* subrotundo semine,
fargo nominatum. C. B. P. 26.
Melica five forghum. Dod. p. 508.
- 1683 *Nicotiana* foliis cordatis, floribus paniculatis,
tubis clavatis. Linn. Sp. Pl. 180.
Nicotiana folio cordiformi tubo floris præ-
longo. Feuill. Per. p. 714. Tab. 10.
- 1684 *Nicotiana* foliis cordatis, corollis racemosis sub-
ringentibus, calycibus inæqualibus. Lin. Sp.
Pl. 181.
- 1685 *Oxys bulbosa Æthiopica minor*, folio cordato
flore

- flore ex albedo purpurascēte. Hort. Amst.
1. 48.
- 1686 *Prunella bracteīs pinnato-dentatis ciliatis*. Læff.
Def. 31.
Bugula odorata Lusitanica. Cornut. Canad.
46.
- 1687 *Quamoclit Americana folio hederæ, flore coc-
cineo*. Commelin. Rar. 21.
*Convolvulus Americanus folio anguloso, flore
parvo coccineo*.
- 1688 *Ranunculus montanus folio gramineo*. C. B. P.
180.
Ranunculus pumilus gramineis foliis. J. B. 3.
866.
- 1689 *Ranunculus vernus rotundifolius minor*. Tourn.
286.
Chelidonium minus. Offic. Ger. 1669.
- 1690 *Ruscus angustifolius, fructu summis ramulis
innascente*. Tourn. 79.
*Laurus Alexandrina, ramosa fructu e summi-
tate caulium prodeunte*. H. R. Par.
- 1691 *Ruta muraria*. C. B. P. 356.
Salvia vitæ. Lobel.
- 1692 *Ruta sylvestris minor*. C. B. P. 336.
- 1693 *Satureia capitulis terminalibus, foliis lanceo-
latis*. Linn. Sp. Pl. 567.
Satureia Virginiana. Herm. Par. 218.
*Clinopodium, foliis lanceolatis acuminatis, ca-
pitulis terminalibus*. Hort. Cliff. 304.
- 1694 *Senecio Madraspatanus Rapifolio, floribus
maximis, cujus radix nonnullis China dicitur*.
Musæum Petiver. N°. 680. Hort. Eltham.
Tab. 258. fig. 335.

- 1695 Siliquastrum flore purpureo. Cast. Durant. 415.
Arbor Judæ. Dod. 786.
- 1696 Sifon foliis ternatis. Hort. Cliff. 99. Fl. Virg.
147.
Myrrhis Canadensis trilobata. Mor. Hist. p. 3.
301.
- 1697 Spartium alterum monospermum femine reni
simili. C. B. P. 396.
- 1698 Tetragonia foliis linearibus. Flor. Leyd.
Tetragonocarpos Africana fruticans, foliis
longis et angustis. Hort. Amst. 2. 205.
- 1699 Tetragonia foliis ovatis. Flor. Leyd.
Tetragonocarpos Africana radice magna, crassa
et carnosa. Hort. Amst. 203.
- 1700 Tithymalus Orientalis, falicis folio, caule pur-
pureo, flore magno. T. Cor. 2.

XCI. *Extract of a Letter from Dr. Vitaliano Donati, Professor of Botany at Turin, to Mr. Abraham Trembley, F. R. S. concerning the Earthquakes felt at Turin, December 9, 1755, and March 8, 1756. Translated from the Italian.*

S I R,

Turin, March 20, 1756.

Read April 29, 1756. **T**HE cause of Earthquakes is unknown to me. You know those mentioned by natural philosophers. It seems to me, that they are not sufficient for explaining all the phænomena. The antients have observed, that earthquakes were accompanied with some particular meteor,